

Ohio Post Mold Company

Machines for Poured Concrete Fence Posts

No Tamping

No Pallets

No Shaking

"The life of wooden posts is very limited, and the scarcity of suitable timber in many localities has made it imperative to find a substitute."

—U. S. Dept. Agriculture

WRITE FOR PRICES AND
FURTHER INFORMATION

1341-1348 Nicholas Building
Toledo, Ohio, U. S. A.



Ninety-nine out of every hundred failures in making concrete fence posts are due to the fact that the posts were made of tamped concrete and were not of "slush mixture." The reason why is clearly shown in the U. S. Department of Agriculture's Bulletin No. 384, where, as the results of experiments conducted at the Colorado Experiment Station, it states: "The poured posts were also a little over 25 per cent. stronger than tamped posts of the same size, mixture and reinforcement. They are also better able to withstand action of frost and alkali."

The only objection to poured posts is the time required to set before removal from molds. The posts remain in the mold until after the initial set, which takes from twelve to twenty-four hours, or a great deal less if steam cured. It is an obvious fact that in a plant making over a hundred and fifty posts a day, it is necessary to have a large covered space for the molds before the initial set.

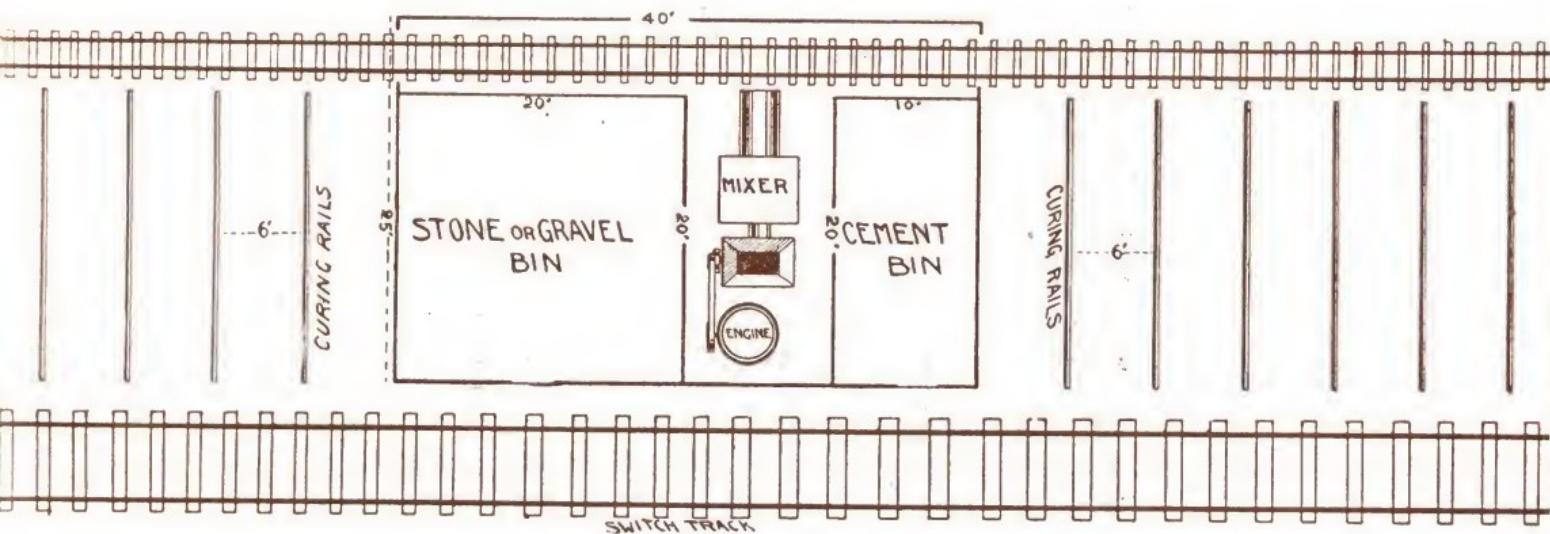
To overcome this objection, we have planned a plant, cut of which is shown on page 5. This plant is designed for a capacity of one hundred and fifty poured posts a day. All the equipment needed is five sets of our Six-Post Machines (five machines to set),

and a Mixer, with two men to operate the plant. The building is 40 feet by 25 feet, and it is not absolutely necessary that the stone or gravel bin be roofed. The track that runs from the mixer to the curing rails need not necessarily be made of steel rails, but can be made of 2x4 timbers capped with strip iron.

The machines are wheeled to the mixer (see page 7), and are filled one at a time. After the five sets are filled, they are left under cover over night to set, then wheeled outside the plant and leaned against the curing rails to cure, the posts made first being placed nearest the switch track to be shipped first. The posts and molds are removed from the machines one at a time, and after each set of machines is empty, it is wheeled back to the mixer to be filled for the work of the next day. This plan is simply to give an idea, and if a larger capacity is desired, all that is necessary is to increase the specifications accordingly.

Steam kilns can be very successfully used in connection by simply constructing the kiln over the track.

P L A N T F O R 1 5 0 P O S T S A D A Y

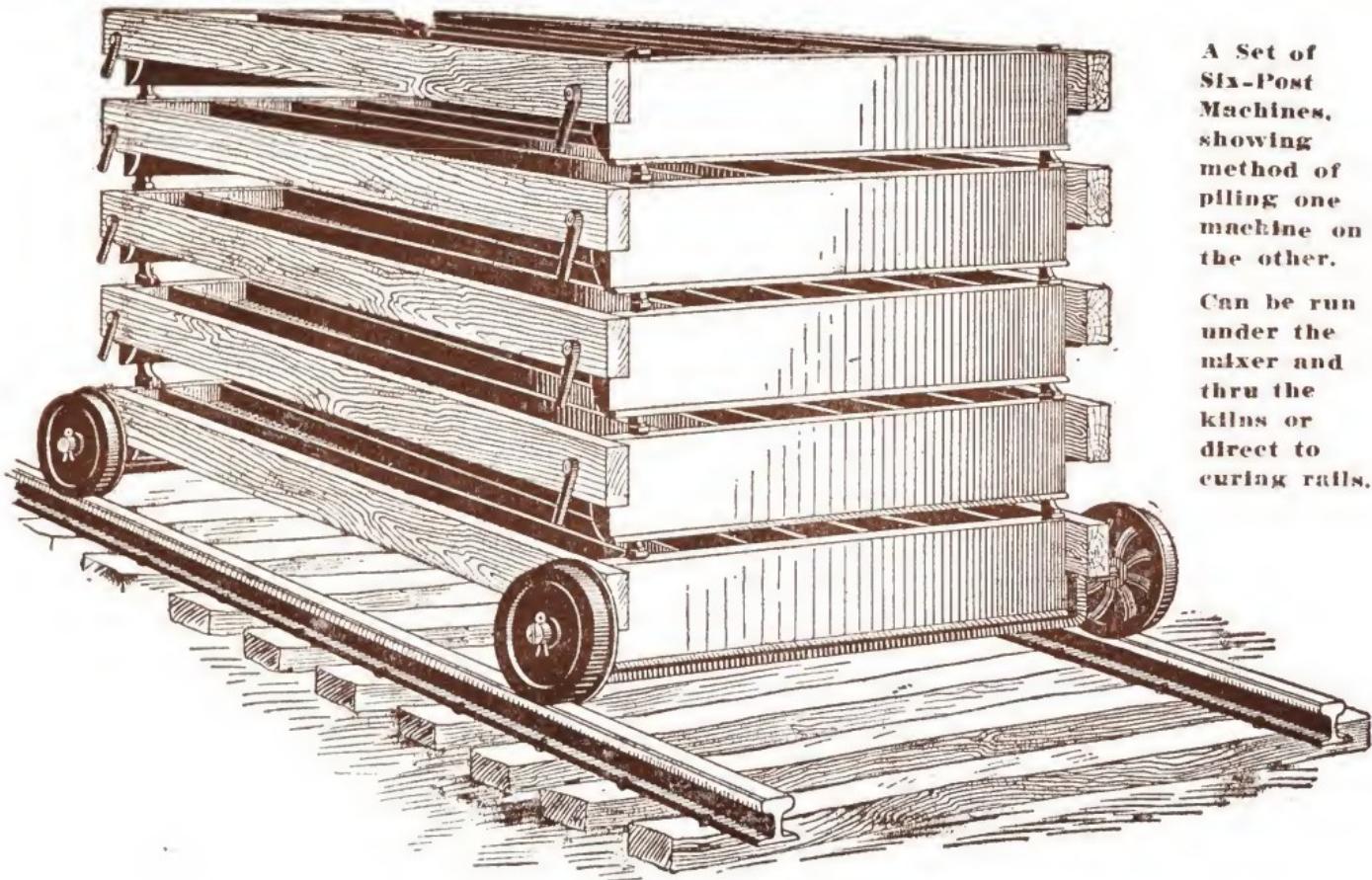


Building 25 feet by 40 feet.
Two men to operate.
Mixer.

Five Sets of Six-Post Machines.
Curing Rails to lean Posts against.
Track of Steel on 2x4 Timbers.

On the opposite page is shown a cut of one set of Six-Post Machines, consisting of five machines or thirty molds, resting on ten-inch iron wheels. Each set of wheels and axles is furnished free of charge with every set of Six-Post Machines, and the wheels are so made that they will run on 2x4 timbers capped with strip iron, as well as on steel rails.

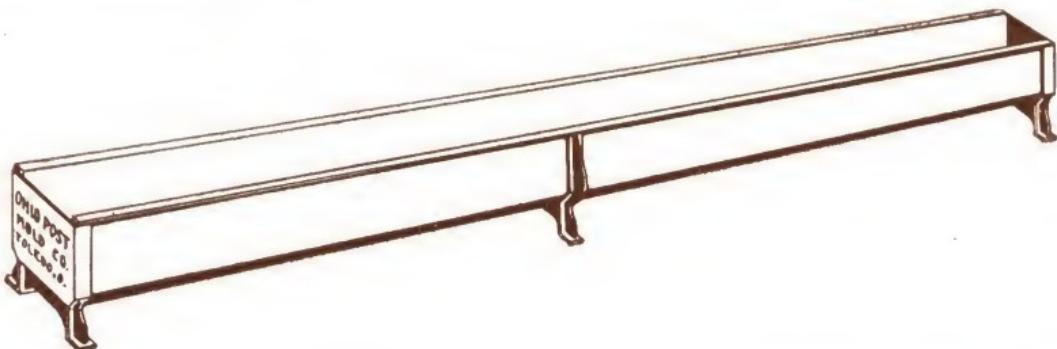
A set of machines resting on the wheels and track is about fifty inches high. The bottom machine is filled with concrete first, a little concrete being poured in the bottom of each mold. The two wires are then placed to reinforce the back rib. The molds are then filled flush with the top and three wires placed lengthwise across the face of each post. The weight of each wire will be enough to settle it, and after a straight-edge is used, the reinforcing will be just below the face of the post. The second machine is then piled on top of the first and filled in the same manner, etc.



A Set of
Six-Post
Machines,
showing
method of
piling one
machine on
the other.

Can be run
under the
mixer and
thru the
kilns or
direct to
curing rails.

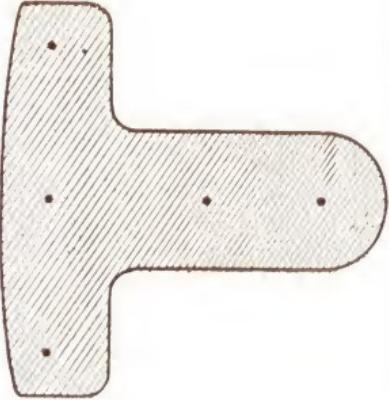
OHIO ANCHOR AND CORNER POST MOLD



Our Ohio Anchor Post Mold makes a square post with beveled corners, 8 ft. long, tapering from 8 inches square at the bottom to 7 inches square at the top. The mold is made of No. 16 gauge, galvanized sheet iron, open at the top and ends. Two cast iron end frames fit over the ends while the mold is being filled. After the cement has set, the mold is slid from the end frames and the post stood in a vertical position or laid on the ground to cure. There is also a cast iron center support. As the cost is very small and the mold indestructible, it is much cheaper to make your corner and gate posts with our mold than by making them with wooden molds.

List price \$8.00 complete.

Showing Method of Reinforcing. Five wires—three across face and two in back. Wires should be placed as near surface as possible.



Bottom Section of Post, Showing Shape.



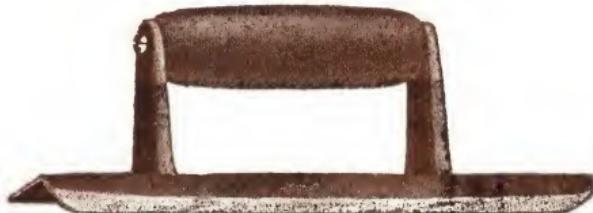
The Finished Post.
Weight, 70 lbs.





Six-Post Machine Without Legs.

Each machine is composed of Six Molds, Two End Frames, Edger, Two Side Rails and Hand Bolts.



Our Twelve-Post Machine consists of two strong cast iron end frames in which are fitted twelve molds of twenty-gauge galvanized sheet iron, as shown in cut on opposite page. These molds are placed so that the large end of one is next to the small end of another.

The ends fit tightly between lugs cast on the frames so that the molds are sprung slightly in placing, thus, when removing the molds from the frames the sides will spring away from the green post so that it can slide easily from the mold. Two side rails hold the end frames in position. The side rail on one side is removed when placing or removing mold from frames. This enables the operator to place and remove the molds easily and rapidly.

The molds rest at the height of about twenty-eight inches from the ground, making it convenient for filling and removing the molds. We can furnish molds in any length from six to eight feet. Will be pleased to furnish further information.



Twelve-Post Machine.

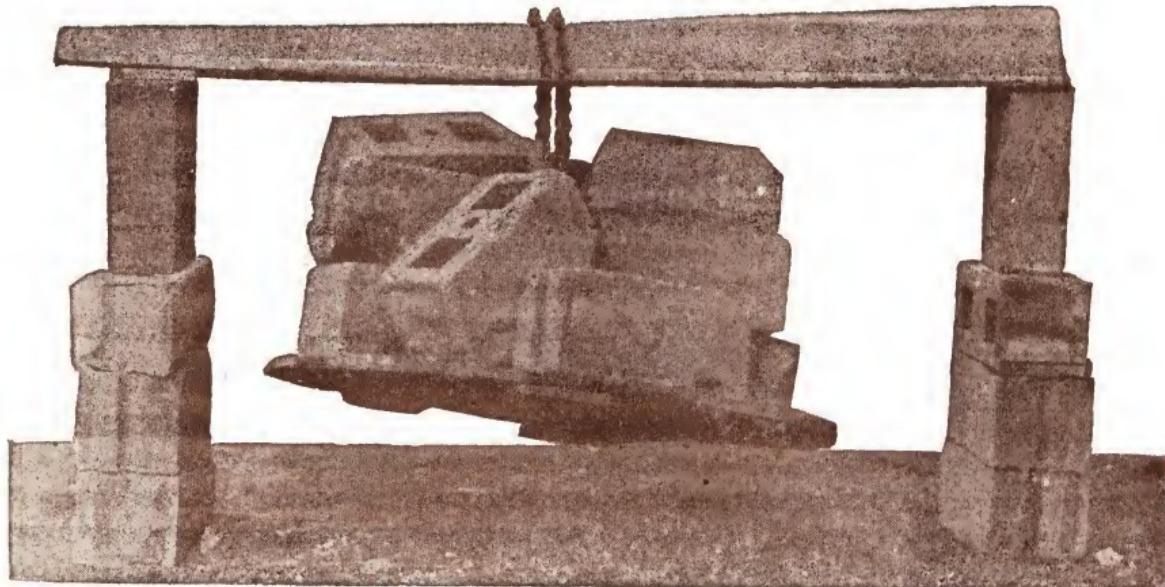


Empty Mold, Showing Open Ends.

Our Six-Post Machine with legs is similar to our Twelve-Post Machine, except that it contains but six molds and is therefore half the size. This machine is just the thing where a limited number of posts are to be made. This machine weighs complete about 200 lbs. and can easily be carried from place to place. Write for more information.

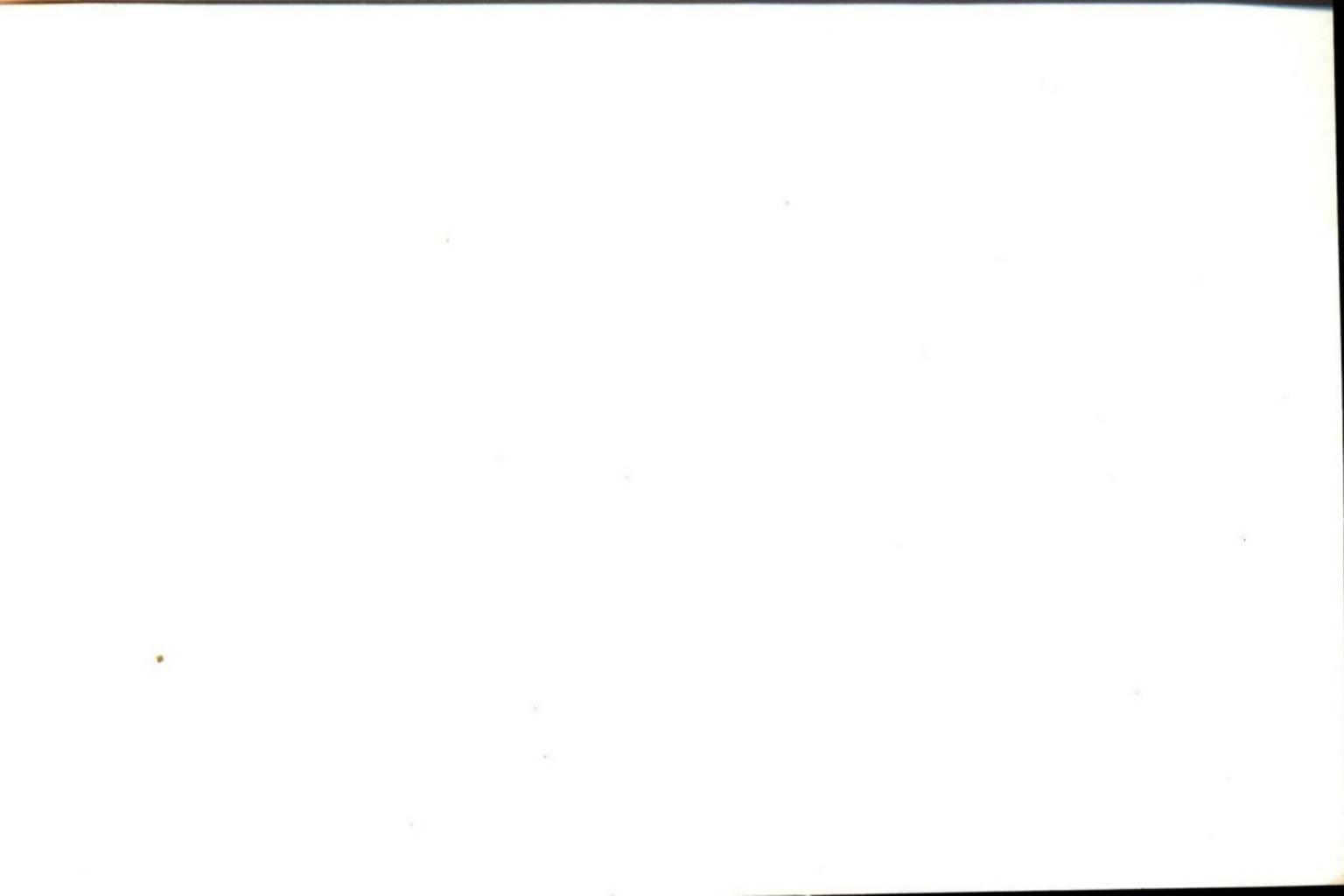


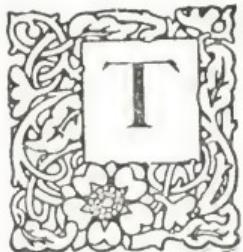
Six-Post Machine, with Legs.



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Post is Ten Days old, and Strength Increases with Age.





HE Following Letters
received from a few
of our customers show
their experiences.

OHIO POST MOLD CO.

Manufacturers of Molds for Making
Concrete Fence Posts

12 Post Machines 6 Post Machines
Single Post Machines Anchor Post Machines

Ohio Post Mold Co.

Toledo, Ohio.

Gentlemen:

Your molds work to perfection, making a post that is as smooth as glass and with a mixture $\frac{1}{4}$ with plenty of water, I get a post almost pure white. I find, however, thorough reinforcing necessary with any cement post.

J. F. BROWN. Bloomingdale, Ill.

Ohio Post Mold Co.

Toledo, Ohio.

Gentlemen:

We have been using one of your post molds for the past month and are very highly pleased with it. We now have more orders than we can fill and hope to soon be in a position to add another larger machine to our plant. We have been attending all of the Cement Shows and consider this much the best machine we have seen.

SEIVERT BROS., Bloomville Ohio

Ohio Post Mold Co.

Toledo, Ohio.

Gentlemen:

Ohio Post Molds are the best ever.

C. L FINK. Cuba, Ill.

Ohio Post Mold Co.

Toledo, Ohio.

Dear Sirs:

The Post Mold that I bought of you this Spring makes a very fine post and everyone who sees them say that they are the best concrete posts they ever saw.

I wish to get some reinforcing wire and I write you for prices.

GEORGE COBB. Elsie, Mich.

Ohio Post Mold Co.
Toledo, Ohio.

Gentlemen:

Received post mold O. K. and have tried same
and find it to be O. K. in every way.

WM. HEITKAMP, Jr., Elkader, Ia.

Ohio Post Mold Co.
Toledo, Ohio.

Gentlemen:

I have looked at several different post molds and
I think that the Ohio Post Molds are the proper molds
to own on account of the economy strength and looks.

JACOB FRIEDEL, West Mansfield, Mass.

Ohio Post Mold Co.
Toledo, Ohio.

Gentlemen:

As I was somewhat interested in post molds last
February at the Cement Show and after looking at all
of the molds there I should select yours as I think it
is the simplest and strongest post made.

FRED S. CLARK & SON, Warsaw, Ind.

Ohio Post Mold Co.
Toledo, Ohio.

Dear Sirs:

Your molds, I think, are the best on the market
because they make a strong post from less material
than any other molds on the market.

JOHN LUNDBERG, Irene, Ill.

Ohio Post Mold Co.
Toledo, Ohio.

Gentlemen:

The post mold we bought of you at the Cement
Show is all O. K. and does the work to perfection.

It is easy to work, makes a nice fence post and
when properly mixed and reinforced makes a good
strong post; one that will stand up better than most
posts do. The posts are neat in appearance and
strong; can be made at profit and sold for about the
same as a good wood post.

P. SHERTZ & CO., Gibson City, Ill.

Ohio Post Mold Co.

Toledo, Ohio.

Gentlemen:

We have in use at our plant; 108 molds made by your company. We looked very thoroughly into the different post molds in the market before purchasing this outfit. We have never had any reason to be sorry that we selected this style of mold. The shape of the post is good and superior to any other so far as we know. We know that greater strength can be gotten in this particular shape than in any other we have knowledge of, for the amount of material used. We find that the strength is ample and that the posts are all right when properly made. The molds are easily used and well made.

THE WYETH-SCOTT CO., Newark, Ohio

Ohio Post Mold Co.

Toledo, Ohio.

Gentlemen:

Yours received asking my opinion of your post molds. Will say that I think they are all O. K. They make good, strong, light posts and that is what we want.

E. W. SAXE POTTERY CO., Cleveland, Ohio

Ohio Post Mold Co.

Toledo, Ohio.

Gentlemen:

Your post mold has proved satisfactory in every way.

DIETZEN & JOHNSON. Napoleon, Ohio

Write for our catalogue

OHIO POST MOLD CO.,

1341-48 NICHOLAS BLDG.

TOLEDO, OHIO

Some Advantages of the Ohio Post Machines

THE POST—

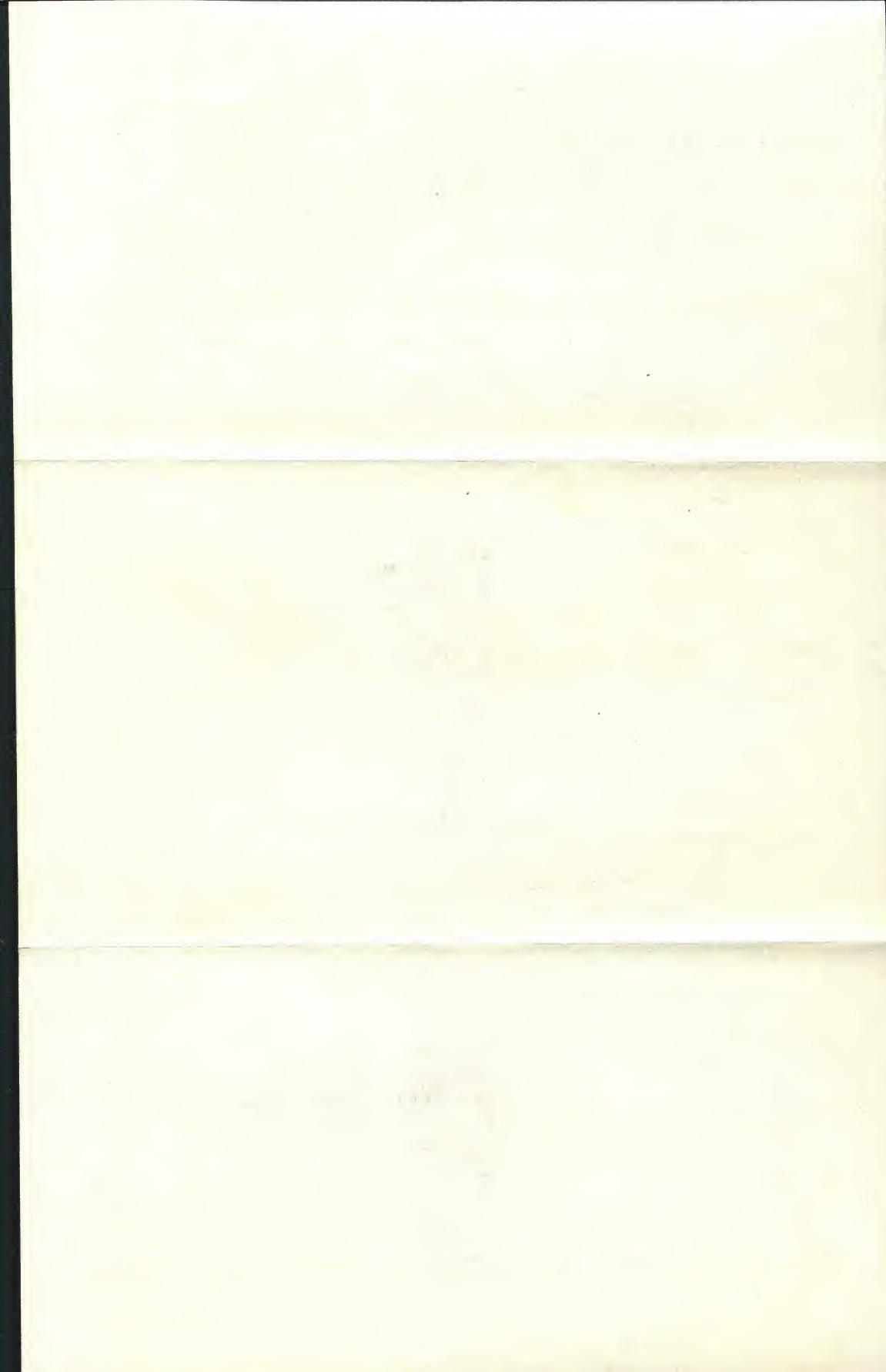
1. Post is lightest, weighing about 70 pounds.
2. Therefore cheapest in material and labor.
3. Owing to shape, is strongest. Will stand a strain of over 1,000 pounds suspended from center of post.
4. Owing to shape, fence can be easily wired to post. Stay wire can be tightened by denting wire between face and back of post.
5. Will not heave with frost as easily as round post. Has less bottom surface.
6. Ground can be tamped around post easier than round post.
7. Shape of post makes a clinch in ground.
8. Tapering of post is such that the strain at the top is distributed proportionally along the post.
9. Post is very artistic in appearance and dealers find that farmers prefer this shape to a round, square, octagonal, hexagonal, etc
10. One man can handle post owing to light weight.
11. Post will take initial set quickly, as it has more exposed surface to air while in mold than other posts.

THE MACHINES—

1. Machines are strong and durable, being composed of cast iron and galvanized sheet iron molds. There is no friction or wear to speak of in the operating.
2. Machines do not need to be shaken or jiggled to settle the concrete, owing to the uneven shape of the mold, especially at the bottom (when placed horizontally in the machine). We have spring jigger if dealer desires it. It is not necessary.
3. Twelve posts can be made nearly as easily and quickly as one.
4. Side of mold springs away from post when removing from machine, making it easy to remove post from mold.
5. **NECESSITATES BUT ONE HANDLING OF POST**, direct from the mold to place where post is to be cured. Post is not in a horizontal position after leaving mold. We have figured that this saves about 20% in culls over those molds that dump the post on the ground to cure. Post is stood in **VERTICAL** position after leaving mold.
6. Post and molds are removed from machine one at a time.
7. No device necessary to place reinforcing. Placed by hand.
8. Molds are designed for poured mixture.

SIX POST MACHINE WITHOUT LEGS—

1. With every five machines we furnish one set of 10" wheels upon which five machines will rest.
2. Machines can be wheeled under mixer.
3. Machines can be wheeled into steam kilns.
4. Machines, being piled on top of each other, will take up the square surface of but one machine.
5. Not necessary to have steel rails for wheels. Wheels are so made that 2 by 4s capped with iron strips will suffice.
6. Lugs on bottom of one machine fit into lugs on top of the next, thus preventing slipping or sliding.
7. Above system greatly reduces labor cost.



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